

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	779	369/47.53	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 10:53
S2	755	369/47.53.OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 10:53
S3	868	369/94.OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 10:54
S4	2262	369/275.1.OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 10:54
S5	2	"20070121449"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 10:59
S6	480	((emboss\$3 block imprint stamp) adj2(pit mark cavit \$3)) near4 (predetermine fac\$3 opposite)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:22
S7	16655	optimum adj2 (record\$3 power)adj2 (power control) or OPC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:27
S8	18303	power adj2 (calibrat\$3 standardi\$5 readjustment) or PCA	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:29
S9	564603	((light laser radiat\$3 beam) near3 (transmit\$5 transparen\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:33

S10	4359	((multi\$4 first second) adj3 layer) near5 (record\$2 non? record\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:34
S11	480	((emboss\$3 block imprint stamp) adj2(pit mark cavit \$3)) near4 (predetermine fac\$3 opposite)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:35
S12	16655	optimum adj2 (record\$3 power)adj2 (power control) or OPC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:35
S13	2	S11 same S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:35
S14	18303	power adj2 (calibrat\$3 standardi\$5 readjustment) or PCA	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:36
S15	2	S11 same S14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:36
S16	779	369/47.53	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S17	0	S11 same S16	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S18	755	369/47.53.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S19	0	S11 same S18	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37

S20	868	369/94.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S21	0	S11 same S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S22	2262	369/275.1.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S23	0	S11 same S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:37
S24	7	((emboss\$3 block imprint stamp) adj2(pit mark cavit \$3)) near4 ((predetermine fac\$3 opposite) adj2 (area layer region))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 11:43
S25	43	("1691708"   "1786958"   "2128390"   "2167149"   "2270944"   "2360480"   "2481757"   "2501563"   "2676518"   "2875087"   "2882413"   "3155764"). PN. OR ("3716445").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/16 13:41
S26	214782	(encrypt\$3 encod\$3 compression) adj3 (info informa\$3 data input)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:15
S27	0	S11 same S26	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:16
S28	850	S26 and S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:17
S29	126	S26 same S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:17

S30	19	S26 with S12	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:17
S31	162785	((predetermine fac\$3 opposite) adj2 (area layer region))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:23
S32	35	S28 and S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:23
S33	0	S29 same S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:23
S34	0	S30 same S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:23
S35	27	S29 and S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:24
S36	2	"20080205256"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:27
S37	2	"20050078578"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 14:27
S38	2	"2004172529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 16:14
S39	0	"JP2004172529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 16:15

S40	4	"2004-172529"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/16 16:15
S41	3	PCT/JP03/15985	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 11:36
S42	2	WO-2004057585-\$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 11:45
S43	32743	(emboss\$3 block imprint stamp record\$3 unrecord \$3) adj2(pit mark cavit\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:38
S44	1564945	(light ray beam luminant illuminat\$3 laser irradiat \$3) near4 (transmi\$6 absor \$6 propagat\$3 beam\$3 transport\$3 transfer\$3 )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:44
S45	4533	S44 near10 S43	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:46
S46	17609	optimum adj2 (record\$3 power)adj2 (power control) or OPC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:47
S47	8	S45 near10 S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:47
S48	18	S45 with S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:47
S49	4568	((multi\$4 first second) adj3 layer) near5 (record\$2 non? record\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:48

S50	0	S47 near10 S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:48
S51	2	S48 with S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:48
S52	2	S48 same S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:48
S53	5498	S44 with S43	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:49
S54	29	S53 with S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:49
S55	3	S54 with S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:49
S56	62	S53 same S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:51
S57	6	S56 same S49	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:52
S58	32779	(emboss\$3 block imprint stamp record\$3 unrecord \$3) adj2(pit mark cavit\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 11:25
S59	1566611	(light ray beam luminant illuminat\$3 laser irradiat \$3) near4 (transmi\$6 absor \$6 propagat\$3 beam\$3 transport\$3 transfer\$3 )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 11:25

S60	17641	optimum adj2 (record\$3 power)adj2 (power control) or OPC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 11:25
S61	5507	S59 with S58	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 11:25
S62	29	S61 with S60	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 11:25
S63	0	("2008/0205256").URPN.	USPAT	OR	ON	2009/05/28 13:17
S64	0	("2008/0205256").URPN.	USPAT	OR	ON	2009/05/28 13:17
S65	4578	((multi\$4 first second) adj3 layer) near5 (record\$2 non? record\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 13:20
S66	887	S65 with S59	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 13:20
S67	743	S65 near10 S59	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 13:20
S68	37	S66 with S60	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 13:21
S69	35	S67 with S60	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 13:21
S70	1388	((emboss\$3 block imprint stamp) adj2(pit mark cavit \$3)) near10 (transmi\$6 absor\$6 propagat\$3 beam \$3 transfer\$3 fac\$3 opposite)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:37

S71	31670	(detect\$3 recogni\$5 identify\$3 sens\$3 spot\$4) near10 ((optimum power) adj2 (calibrat\$3 standard\$6 readjustment record\$3 power) adj2 (power control)) OPC PCA	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:49
S72	15167	((multi\$4 first other) adj3 layer) near5 (record\$3 non? record\$3 unrecord\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:52
S73	59541	(detect\$3 recogni\$5 identify\$3 sens\$3 spot\$4) near10 (((optimum power) adj2 (calibrat\$3 standard\$6 readjustment record\$3 power) adj2 (power control)) OPC PCA predetermine bias)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:53
S74	167184	(detect\$3 recogni\$5 identify\$3 sens\$3 spot\$4) near10 (((optimum power) adj2 (calibrat\$3 standard\$6 readjustment record\$3 power) adj2 (power control)) OPC PCA predetermine bias weight)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:54
S75	11251	((second\$4 2nd) adj3 layer) near5 (record\$3 non? record\$3 unrecord\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:55
S76	40	((emboss\$3 block imprint stamp) adj4 (pit mark cavit\$3)) near10 (light ray beam radiant irradiat\$3) adj5 (transmi\$6 absor\$6 propagat\$3 transfer\$3 fac\$3 opposite)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:57
S77	66	((emboss\$3 block imprint stamp) adj4 (pit mark cavit\$3)) near10 ((light ray beam radiant irradiat\$3) adj5 (transmi\$6 absor\$6 propagat\$3 transfer\$3 fac\$3 opposite))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:58
S78	9	S75 near10 S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:59



S79	13	S75 with S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:59
S80	2	S72 near10 S77	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:59
S81	2	S72 with S77	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 17:59
S82	2	S72 same S77	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:01
S83	19	S75 same S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:13
S84	112	((emboss\$3 block imprint stamp) adj4 (pit mark cavit \$3)) with ((light ray beam radiant irradiat\$3) adj5 (transmi\$6 absor\$6 propagat\$3 transfer\$3 fac \$3 opposite))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:14
S85	3	S84 same S72	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:14
S86	2	S83 same S84	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:17
S87	258	((emboss\$3 block imprint stamp) adj4 (pit mark cavit \$3)) same ((light ray beam radiant irradiat\$3) adj5 (transmi\$6 absor\$6 propagat\$3 transfer\$3 fac \$3 opposite))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:18
S88	2	S74 same S87	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:19

S89	4578	((multi\$4 first second) adj3 layer) near5 (record\$2 non? record\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:21
S90	2	S77 same S89	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:21
S91	7583	S72 same S75	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:23
S92	14	S91 same S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:31
S93	11	S91 and S84	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:32
S94	267	S91 and S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:32
S95	2	S94 and S84	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:32
S96	8	("20020136122"   "20020172113"   "20040085874"   "20040120241"   "6893698"   "7245570"   "7385891"   "7426173"). PN. OR ("7483354").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 21:09
S97	15	("5640382"   "5689497"   "5726969"   "6160787"   "6324148"   "6343060"   "6667947"   "6728174"   "6731578"   "6795389"   "6894962"   "6954412"   "6999396"   "7203155"). PN. OR ("7426173").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 21:24

S98	288	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3)) near10 ((light ray beam radiant irradiat\$3) adj5 (transmi\$6 absor\$6 propagat\$3 transfer\$3 fac\$3 opposite))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 13:19
S99	15167	((multi\$4 first other) adj3 layer) near5 (record\$3 non? record\$3 unrecord\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 13:27
S100	11251	((second\$4 2nd) adj3 layer) near5 (record\$3 non? record\$3 unrecord\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 13:27
S101	7583	S99 same S100	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 13:27
S102	2	S101 same S98	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 13:27
S103	21	S99 same S98	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 13:28
S104	167184	(detect\$3 recogni\$5 identify \$3 sens\$3 spot\$4) near10 (((optimum power) adj2 (calibrat\$3 standard\$6 readjustment record\$3 power) adj2 (power control)) OPC PCA predetermine bias weight)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:14
S105	347	S100 and S104	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:14
S106	2	S105 and S98	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:15

S107	19	S100 same S104	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:15
S108	2	S107 same S98	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:16
S109	226748	(encrypt\$3 encod\$3 compression) adj3 (info informa\$3 data input)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:51
S110	0	S109 same S98	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:51
S111	2	S109 and S98	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:52
S112	564	S109 and S101	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:52
S113	786	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3)) same ((light ray beam radiant irradiat\$3) adj5 (transmi\$6 absor\$6 propagat\$3 transfer\$3 fac\$3 opposite))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:53
S114	9	S101 same S113	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:54
S115	23	S112 and S113	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 14:55
S116	229766	(encrypt\$3 encod\$3 decrypt \$3 compression) adj3 (info informa\$3 data input)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 15:31

S117	53774	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 15:32
S118	17734	((multi\$4 first other fac\$3 opposite predetermine) adj3 layer) near5 (record \$3 non?record\$3 unrecord \$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 15:33
S119	31	S116 with S117	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 15:33
S120	0	S116 with S117 with S118	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 15:34
S121	0	S116 same S117 same S118	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/29 15:34
S122	229766	(encrypt\$3 encod\$3 decrypt \$3 compression) adj3 (info informa\$3 data input)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:14
S123	53774	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:14
S124	17734	((multi\$4 first other fac\$3 opposite predetermine) adj3 layer) near5 (record \$3 non?record\$3 unrecord \$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:14
S125	294	S122 and S123 and S124	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:14
S126	17641	optimum adj2 (record\$3 power)adj2 (power control) or OPC	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:45

S127	42	S125 and S126	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:45
S128	19478	power adj2 (calibrat\$3 standardi\$5 readjustment) or PCA	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:46
S129	19	S127 and S128	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:46
S130	3613	369/283.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:51
S131	1118	369/286.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:55
S132	229910	(encrypt\$3 encod\$3 decrypt \$3 compression) adj3 (info informa\$3 data input)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:57
S133	53791	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:57
S134	17747	((multi\$4 first other fac\$3 opposite predetermine) adj3 layer) near5 (record \$3 non?record\$3 unrecord \$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:57
S135	294	S132 and S133 and S134	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:57
S136	237	S and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:57

S137	933	369/94.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:59
S138	14	S137 and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:59
S139	12	S130 and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:59
S140	5	S131 and S135	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 14:59
S141	2	"20050276212"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 16:22
S142	2140	(optimum power) near10 (calibrat\$3 standardi\$5 readjustment power) near10 (area control) near10 (OPC PCA)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 11:16
S143	304932	((optimum power) near10 (calibrat\$3 standardi\$5 readjustment power) near10 (area control) OPC PCA)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 11:16
S144	56104	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 11:17
S145	37	S144 near10 S143	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 11:17
S146	1311082	(multi\$4 first second n) near10 (layer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 12:51

S147	1087	S143 near10 S146	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 12:51
S148	2	S147 same S144	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 12:53
S149	672036	(fac\$3 opposite predetermine) near10 (area sect\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 12:54
S150	101	S147 near10 S149	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 12:55
S151	2198798	(multi\$4 "2" two\$ first second n dual\$3 plural\$5 double) near10 (layer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 13:05
S152	1713	S143 near10 S151	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 13:07
S153	103	S152 near10 S149	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 13:07
S154	120	S152 same S149	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 13:08
S155	3	"20030137909"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 13:13
S156	76894	(management) near10 (area sect\$3 region)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:07



S157	56133	((emboss\$3 block imprint stamp guide groove) adj4 (pit mark cavit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:08
S158	74	S156 near10 S157	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:08
S159	79471	(management TOC) near10 (area sect\$3 region)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:13
S160	748	((identify\$3 recogniz\$4 distinguish\$3 flag\$3) near10 S157	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:17
S161	4	S159 near10 S160	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:17
S162	5	S159 same S160	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:18
S163	312604	((optimum power) near10 (calibrat\$3 standardi\$5 readjustment power test \$3) near10 (area control) OPC PCA)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:20
S164	43669	(dual double multi\$5 pulralit\$4 "2" two) near10 S163	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:22
S165	959	S164 near10 (leadin layer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:22
S166	1027	S164 near10 (lead?in layer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:23

S167	328	((lead?in) near10 ((unused unrecorded blank empty dummy) near5 (area))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:35
S168	348	((unused unrecorded blank empty dummy) near5 (area)) near10 ((optimum power) near10 (calibrat\$3 standardi\$5 readjustment power test\$3) near10 (area control) OPC PCA)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:37
S169	244	((unused unrecorded blank empty dummy) near5 (area)) near10 ((optimum power) near5 (calibrat\$3 standardi\$5 readjustment power test\$3) near5 (area control) OPC PCA)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:38
S170	9	S167 same S168	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:38
S171	9	S167 same S169	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:38
S172	2005510	(multi\$4 "2" two\$ first second n dual\$3 plural\$5 double) near5 (layer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:43
S173	49	S172 same S168	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:45
S174	24	S172 same S169	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:45
S175	0	S173 same S167	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:46
S176	0	S174 same S167	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:46

S177	27	S167 and S168 and S172	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:46
S178	8	S167 and S169 and S172	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 20:46
S179	0	((multi\$4 "2" two first second dual\$3 plural\$5 double) near5 (layer)) and ((predetermine dedicat\$3 reserved weight) near5 (area sect\$3)) and (((optimum power) near5 (calibrat\$3 standardi\$5 readjustment power test \$3) near5 (area control) OPC PCA)) and ((emboss \$3 block imprint\$3 stamp \$3 guide groove) adj4 (pit mark cavit\$3)) and ((light beam ray laser radiat\$3) near10 (transmi\$5 absor\$6 propagat\$3)) and ((record \$3 data info\$8 mark\$2) near5 (alike similar equivalent equal resembl \$3) near5 (emboss\$3 stamp\$3 imprint\$3)) and ((unused unrecorded blank empty dummy) near5 (fac \$3 oppos\$3 across) near5 (predetermine OPC PCA calibrat\$3 test\$3)) and ((emboss\$3 stamp\$3 imprint\$3) near5 (fac\$3 oppos\$3 across) near5 (predetermine OPC PCA calibrat\$3 test\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/30 18:37

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